

FAYERMAN, G.P.; SIMKINA, A.B.

Investigating the interaction of sodium benzenesulfonate with silver  
ions and silver bromide. Usp, nauch. fot. vol.5:75-80 '57.  
(Benzenesulfonic acid) (Silver) (MIRA 10:6)  
(Silver bromide)

PAYERMAN, G.P.; SIMKINA, A.B.

Investigating 5-methyl-7-hydroxy-1,3,4-triazoindolizine ("sta" salt)  
and its reactions with silver ions and silver bromide. Usp. nauch.  
(MLRA 10:6)  
fot. vol. 5:81-94 '57.  
(Pyrrocoline) (silver) (silver bromide)

L 5147-66 EWT(1)/EWT(m)/EWP(t)/EWP(b)/ETC(m) IJP(c)/RPL JD/WW/JW/RM  
ACCESSION NR: AP5021103 UR/0056/65/049/002/0429/0432

AUTHORS: Voronel', A. V.; Garber, S. R.; Simkina, A. P.; Charkina, I. A.

TITLE: Specific heat of gadolinium near the Curie point

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 2, 1965, 429-432

TOPIC TAGS: gadolinium, Curie point, specific heat, second order phase transition

ABSTRACT: To check on the behavior of the logarithmic singularity of the specific heat near a normal second order phase transition point, for example, a ferromagnetic transition point, the authors measured the specific heat of two gadolinium samples near the Curie point (290K). The two samples ( $Gd_{12}$  and  $Gd_{27}$ ) had resistivity ratios  $\rho(300K)/\rho(4.2K)$  of 12 and 27 respectively, and their weights were ~70 and ~1.2 g respectively. The measurements on  $Gd_{12}$  were made with

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standard calorimetric apparatus, and that of  $Gd_{27}$  with a special calorimeter shown in Fig. 1 of the Enclosure. Plots are given of the specific heat against the temperature and against the relative temperature difference. The effect of impurities on the singularity of the thermodynamic potential at a second order transition point is discussed and it is shown that the presence of such a singularity is masked by the imperfection of the samples. The incorrectness of the determination of the Curie point from the maxima of nonmagnetic properties is pointed out, and the discrepancies between the published values of the Curie point, determined by using various properties, are accounted for. We thank K. P. Belov, A. V. Ped'koff, and R. Z. Levitin for supplying the  $Gd_{27}$  gadolinium sample and for interest in the work. We are grateful to G. V. Abramov and R. S. Aristov for help with the measurements and V. A. Konoplev for help with constructing the thermometer-heater used for the gadolinium sample. Orig. art. has: 3 figures

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ACCESSION NR: AP5021103

ASSOCIATION: Institut fiziko-tehnicheskikh i radiotekhnicheskikh  
izmereniy (Institute of Physicotechnical and Radiotechnical  
Measurements) 4/1/65

SUBMITTED: 10Mar65

ENCL: 01

SUB CODE: . SS, TD

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OTHER: 002

Card 3/4

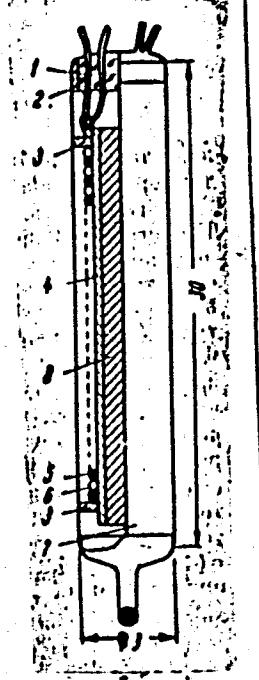
L 5147-66

ACC NR: AP5021103

Enclosure: 01

Fig. 1. Diagram of calorimeter for  $Gd_{27}$  sample

- Legend:
1. Insulating beads
  2. Platinum rim
  3. Two paper washers
  4. Cigarette paper
  5. Copper wire
  6. Thermometer-heater
  7. Copper casing
  8. Sample (glued to cigarette paper)



Card 4/4

BERRI, L.Ya., doktor ekon. nauk; KLIMENKO, K.I., doktor ekon.  
nauk; OBILOVSKY, Ya.A., kand. ekon. nauk; SAVINSKIY,  
E.S., kand. ekon. nauk; KHRYNNMAN, S.A., doktor ekon.  
nauk, red.; MOSKVIN, D.D., kand. ekon. nauk, nauchn. red.;  
ORLOV, N.A., prof., red.; SAZANOVICH, N.K., mlad. red.; SIMKINA,  
G.S., mlad. red.

[U.S.A. industry in 1929-1963; technical and economic trends  
and structural changes] Promyshlennost' SShA v 1929-1963 gg.,  
tekhniko-ekonomicheskie tendentsii i strukturnye sviagi. [By]  
L.IA.Berri i dr. Moskva, Ekonomika, 1965. 406 p.  
(MIRA 18:5)

SIMINA, R.G.; TURPAYEVA, Ye.P.

Effect of different salinity and temperature conditions on the  
growth rate of colonies of the polypozoan *Leporalia pallasiana* Moll.  
(MIR 15:1)  
Trudy Inst. okean. 49:200-204 '61.  
(Black Sea--Polyzoa) (Salinity)  
(Temperature--Physiological effect)

RUBAYFA, Ye.I.; SIMULKA, R.G.

Reaction of the cirriped *Balanus improvisus* Darwin of the Black Sea  
to reduced salinity. Trudy Inst. okean. 49:205-223 '61.

(MIRA 15:1)

(Black Sea--Cirripedia) (Salinity)

TURPATYeva, Ye.F.; SIMKINA, R.G.

Effect of infusions of cupriferous antifouling paints on some fouling organisms. Trudy Inst. okean. 49:224-234 '61. (MIR 15:1)  
(Copper--Toxicology) (Marine fouling)

ULANOVSKIY, I.B.; TURFAYEVA, Ye.P.; MOROVIN, Yu.M.; SIMKINA, R.C.

The cirriped *Balanus improvisus* Darwin as a factor causing corrosion  
of stainless steel. Trudy Inst. okean. №9:235-241 '61.  
(MIRA 15:1)  
(Black Sea--Cirripedia) (Steel, Stainless--Corrosion)

UIANOVSKIY, I.B.; TURPAYEVA, Ye.F.; SIMKINA, R.G.; KOROVIN, Yu.M.

Effect of the bivalvular mollusk *Mytilus galloprovincialis* L. on the  
corrosion of steel. Trudy Inst. okean. 49:242-247 '61.  
(MIRA 15:1)

(Black Sea--Lamellibranchiata) (Steel--Corrosion)

TURPAYEVA, Ye.P.; LANEINA, R.G.; GORBACHEV, Ye.N.; TUDOR, I.I.

Study of the effect of *various* antifouling paints on the larvae of  
the polychaete *Marinerella erigatica* Faust and the young  
bivalve mollusk *Mytilus galloprovincialis* L. Trudi' Inst. okean.  
70:252-258 '63. (MIRA 11/7)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550630004-7

ISKRA, Ye.V.; TURFAYEV, Ye.P.; VITAL'YEV, Iu.N., 1976, 21(3), 1-12.

Effect of some poisonous substances on the major feeding  
organisms in Taganrog Bay. Trich test. Moscow 1976. 20 p. (B3.  
(1974 IV 7))

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550630004-7"

ZARETSKAYA, Yu.M., kand.biologicheskikh nauk; ANDREYEVA, M.P.; KVASNIKOVA,  
L.N.; SIMKINA, S.A.

Transplantation of the bone marrow in radiation injuries; survey  
of the literature. Vest. AMN SSSR 15 no.2:63-72 '60.

(MIRA 14:6)

(RADIATION SICKNESS)

(MARROW--TRANSPLANTATION)

SIMKINA, T.

Ugai, Ya.; Simkina, T.

"Mutual Solubility in the System H<sub>3</sub>BO<sub>3</sub>-KNO<sub>3</sub>-H<sub>2</sub>O." (p. 1768)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 10.

CA SIMKINA, T.

Mutual solubility in the system boric acid-potassium nitrate-water. V. A. Ugal and T. Simkina (Voronezh State Univ.), *J. Gen. Chem. U.S.S.R.* 30, 1929-33(1960)(Engl. translation); 30, 1708-78(1960)(Russian Ed.).—Equilibria in the system  $H_3BO_3-KNO_3-H_2O$  were investigated by the polythermal visual method, from the ternary eutectic ( $-3.2^\circ$ ) to  $25^\circ$ . The eutectic compn. is 2.90%  $H_3BO_3$ , 10.73%  $KNO_3$ , and 86.35%  $H_2O$ . No compns. are formed from the 3 components.  $KNO_3$  has a "salting in" effect on  $H_3BO_3$ , which is related to the decrease of the activity of  $H_3BO_3$ . The activity coeffs. were computed for coeff. of  $H_3BO_3$ . W. A. Pennington

SIMKO, A.

"Problems in Fruit Culture." p. 135, Bratislava, Vol. 6, 1951.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

LANYI, Janos; SZEMEREDY, F.Karoly; BREZONY, Jozsef; PROHASZKA, Laszlo; MUZSNAY, Laszlo, mernok; HIDY, Laszlo, mernok; GAAL, Tibor, mernok; SIMKO, Aldar, mernok; DANC斯, Tibor, mernok; MAJOR, Ferenc, mernok; RICZ, Lajos, mernok

Measurement of road vibrations caused by motor vehicles with the aid of seismic instruments. Geofiz kozl 3 no.1/11:107-119 '54.

1. Magyar Allami Eotvos Lorand Geofizikai Intezet (for Szemeredy and Brezony). 2. Autokozlekedesi Tudomanyos Kutato Intezet (for Prohaszka, Muzsnay, Hidy, Gaal, Simko, Dancs, Major, Racz).

SIMKO, Alfred.,; STIASZNY, Erzsebet, B.,dr.

Reserpine therapy of psychiatric patients. Ideg. szemle 9 no.3:  
53-59 Apr 56

1. Fovarosi Ideggondozó Intézet (igazgató: dr. Szirtes Gyula)  
es Fovarosi Árpád Kórház (igazgató: dr. Loránd Sándor kandidátus)  
laboratoriumnak köszönhetően.

(MENTAL DISORDERS, ther.

reserpine (Hun))

(RAUWOLFIA ALKALOIDS, ther. use

reserpine, in mental disord. (Hun))

KARDOS,Gyorgy,dr; SIMKO,Alfred,dr.

Result of 200 cases of andaxin therapy. Ideg. szemle 13 no.5:  
148-153 My '60.

1. A Fovarosi Idegbeteggondozó Intézet (igazgató főorvos: dr.  
Szirtes,Gyula) közleménye.  
(MEPROBAMITE ther.)

SIMKO, Alfred, dr.; KARDOS, Gyorgy, dr.

A critique of ataraxia. Ideg. szemle 1' no.9:263-269 S '60.

1. A Fovarosi Idegbeteggondozó Intézet (igazgatóorvos: dr.  
Szirtes Gyula) kozlemenye.  
(TRANQUILIZING AGENTS ther)

SIMKO, A.; KRIŠTOUJEK, O.

Unusual case of arsenate poisoning in animal husbandry workers. Pracovni  
lek. 11 no.6:317-320 Aug 59.

1. Krajsky ustav narodniho zdravi, oddeleni pro prevenci, leceni a  
posuzovani chorob z povolani, Hradec Kralove, prednosta MUDr. J. Jindrichova.  
Okresni ustav narodniho zdravi, interni oddeleni, Novy Bydzov, prednosta  
prim. MUDr. M. Tousek Krajska hygienicko-epidemiologicka stanice, oddeleni  
hygiény prace, Hradec Kralove, prednosta Ing. J. Seka.  
(ARSENICALS, toxicol.) (INSECTICIDES, toxicol.)

SIMKO, Andrej; HASSMAN, Pavel

Levels of p-aminophenol in subjects working with aniline.  
Pracovni lek. 12 no.5:240-251 Je '60.

1. Krajsky ustav narodniho zdravi, oddeleni chorob z povolani,  
Hradec Kralove, prednosta MUDr. Jirina Jindrichova.  
(PHENOIS urine)  
(ANILINE COMPOUNDS)

HOLECEK, V.

CZECHOSLOVAKIA

RNDr.

Institute for Labor Hygiene and Occupational Diseases  
(Ustav hygieny prace a zdrobu z povolani), Prague;  
Director: J. Feisinger, Prof. Dr.

Prague, Prakticky Lekar, No. 19, 1962, pp 847-851  
"Methemoglobin and Sulphhemoglobin"

Co-authors:

DAVID, A., MD, same as above, or Clinic for Occupational Diseases, Prague; Director: J. Feisinger, Prof. Dr. Or: Department for Occupational Diseases, HUNZ, Hradec Králové; Director: J. Jindrichova, Dr. SRČINA, J. RNDr, same as above  
SEMKO, A., MD, same as above

HASSMAN, P.; HRADSKY, M.; HEROUT, V.; SIMKO, A.

Contribution to the problem of chronic gastritis in workers exposed to  
the hazard of carbon disulfide. Prac. lek. 14 no.2:81-84 Mr '62.

1. Oddeleni chorob z povolani, KUNZ v Hradci Kralove, prednosta MUDr.  
Jirina Jindrichova, CSc. Klinika interni propedeutiky lekarske fakulty  
KU v Hradci Kralove, prednosta doc. MUDr. Frantisek Cernik Patologicko-  
anatomicky ustav lekarske fakulty KU v Hradci Kralove, prednosta prof.  
MUDr. Antonin Fingerland, DrSc.

(GASTRITIS etiol)  
(OCCUPATIONAL DISEASES etiol)

HRADSKY, M.; HEROUT, V.; SIMKO, A.

Chronic gastritis in alcoholics. Cesk. gastroenter. 16 no.1:46-49  
Ja '62.

1. Klinika interni propedeutiky lek. fakulty KU v Hradci Kralove,  
prednosta doc. dr. Frantisek Cernik Patologickoanatomicky ustav  
lek. fakulty KU v Hradci Kralove, prednosta prof. MUDr. A. Fingerland,  
doktor lekarskych ved Protialkoholni poradna KUNZ v Hradci Kralove,  
vedouci lekar MUDr. A. Simko.  
(ALCOHOLISM) (GASTRITIS) (BIOPSY)

KUNCEVIC, D.; ZYKUS, I.; SIMKO, A.

Diagnostic role of various modifications of tomographic studies.  
Sveik. apsaug. 8 no.11:53 '63.

1. Resp. Vilniaus ligonine. Vyr. gyd. - V. Cepaitis. Rentgeno  
skyrius. Vedeja - med. m. dr. D. Kuncevic.  
(TOMOGRAPHY)

HUNGARY

SINKO, Alfred, Dr; Institutes for Neurological Care of Budapest  
(Budapesti Idegrendezetek) (Director: SZIRTES, Gyula, Dr),  
Institute for Neurological Care of the III. District Council  
Executive Committee (III. ker Tanacs V.B. [vegrehojto bizottsag]  
Idegrendezete).

"Some Problems of Clinical Pharmacopsychology from the Point of View  
of Experiences."

Budapest, Ideggyogyaszati Szemle, Vol XIV, No 4, Apr 63, pages 113-120.

Abstract: [Author's Hungarian summary modified] The practical significance of pharmacopsychology as a clinical science is defined by its relation to the structure-phenomenologically oriented psychopathology. Only in this manner is it able to approach those experiences which can be brought in relation with the action-dynamics of a given psychotropic drug. The author emphasizes first those symptoms which are significant from the point of view of the indications of a given pharmacopsychiatric treatment. He illuminated then the idea of prophenomenal "Aktualbefindlichkeit" [actual state] by which

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CZECHOSLOVAKIA

UDC 613.632:547.528.141

SIMKO, Andrej; JINDRICOVA, Jirina; PULTAROVA, Helena; Department of Occupational Diseases, Krajsky Institute of National Health of the Kraj of East Bohemia (Oddeleni Chorob z Povolani, KUNZ Vychodoceskeho Kraje), Hradec Kralove, Head (Vedouci) Docent Dr J. JINDRICOVA.

"Effect of Styrene on the Health of Workers Employed in the Production of Laminates."

Prague, Pracovni Lekarstvi, Vol 10, No 8, Oct 66, pp 348-352

Abstract [Authors' English summary modified]: Health of 101 women and 27 men employed in the production of styrene laminates was investigated. Average exposure was 1.8 years, with a maximum of 3 years. Styrene concentrations up to 700 mg/cubic meter were recorded; this is 3.5 more than the Czech legal maximum. Skin disease and neurasthenic syndromes were found; no affection of the liver or the gall bladder was determined. The amount of mandelic acid and of creatinine in the urine is a good indication of the exposure to styrene vapors. Testing can be made at the end of the working period. 5 Tables, 5 Czech, 3 Russian references.

(Manuscript received 16 Jul 65).

1/1

SZANTO, Dezso, dr.; SIMKO, Borbala,dr.

Endocardial fibroelastosis in an infant diagnosed intra vitam.  
Orv. hetil. 106 no.27:1282-1283 4 Jl'65.

1. Miskolc Varosi Tanacs, Semmelweis Korhaz, Rontgen Osztaly  
(foorvos: Buday, Istvan dr.) e Gyermekosztaly (foorvos: Velkey,  
Laszlo,dr.).

SIMKO, I.

D-hypervitaminosis. Gyermekgyogyaszat 3 no. 3:77-83 MAR 1952.  
(CLML 22:4)

1. Doctor.

SIMKO, Istvan, dr.

Pediometer and body surface. Gyermekgyogyassat 5 no.12:377-381  
Dec 54.

1. Fovarosi Tanacs XX. ker. Gyermekkorhaza (igazgato: Szelcinki  
Gyorgy dr.) Tuberculosis Osztalyanak (foorvos: Simko Istvan dr.)  
kozleménye.

(ANTHROPOMETRY  
pediometer for determ. of body surface)

(SKIN  
surface, determ. in child., pediometer)

SIMKO, Istvan, dr.

Differentiation of BCG allergy from infectious allergy by means  
of a serial Mantoux vaccination. Orv. hetil. 95 no.31:845-847  
1 Aug. 54.

1. Fovarosi Tanacs XX. ker. Gyermekkorhas 9 (igazgato: Szolnoki  
Gyorgy dr.) Tuberkulosis Osztalyanak (foorvos: Simko Istvan dr.)  
kozleménye

(BCG VACCINATION

differentiation of BCG & infect. allergy in vacc. child.)

(TUBERCULIN REACTION

in BCG vacc. child., differentiation of infect. reaction)

EXCERPTA MEDICA Sec 7 Vol.12/7 Pediatrics July 58

1978. BLOOD TRANSFUSIONS IN THE TREATMENT OF TB OF BABIES AND INFANTS - Über Bluttransfusionen bei der Säuglings- und Kleinkinder-Tuberkulose - Simkó I. Tuberk. Abt., Kinderspit. im XX. Bezirk, Budapest - TUBERKULOSEARZT 1957, 11/8 (477-482) Tables 2

119 cases were treated with streptomycin and isoniazid in combination with micro-blood transfusions or micro-plasma transfusions. The transfusions were given at intervals of 3-5 days, and the total duration of treatment varied between 104-122 days. The babies received every time 20-30 ml., the small children 40-60 ml. A follow-up 2-3 yr. later indicated that the combined treatment had appreciably hastened recovery, the length of treatment could be shortened, the therapeutic results were better, and the incidence of relapses was reduced. The combined treatment had no appreciable effects on bronchadenitis, bronchostenosis and epitheliotuberculosis, but was particularly beneficial in cases of bronchogenic or haemogenous dissemination. There were no control cases. Zeman - Svitavy (VII, 15)

LABAS, Zoltan, dr.; SIMKO, Istvan, dr.

Use of hibernation in bronchoscopy in infant and child.  
Orv. hetil. 98 no.25:684-686 23 June 57.

1. A Fovarosi XX. ker. Gyermekkorhaz Tbc. Osztalyanak  
(osztalyvezeto-foorvos: Simko, Istvan, dr.) kozlemenye.  
(BRONCHOSCOPY, in inf. & child  
artif. hibernation (Hun))  
(HIBERNATION, ARTIFICIAL  
in bronchoscopy in inf. & child (Hun))

SIMKO, Istvan

Practical significance of purified tuberculin (TT). Gyermekgyogyaszat  
9 no. 1-3:17-25 Jan-Mar 58.

1. Fövarosi Táncs XX. ker. Gyermekkórhaza Tbc. Osztályanak (főorvos:  
Simko Istvan dr.) kozleménye.  
(TUBERCULIN  
purified, biol. effectiveness of various prep. (Hun))

EDERETTA MEDICA Sec 7 Vol 13/3 Pediatrics Mar 59 . . . ,

888. THE DIAGNOSTIC-PROGNOSTIC VALUE OF REPEATED INTRACUTANEOUS TUBERCULIN TESTS - Der diagnostisch-prognostische Wert wiederholter intracutaner Tuberkulinreaktionen. Schlusswort zu den Bemerkungen von I. Simkó - Simkó I., Kinderkrankenhaus, Budapest - MSCHR. KINDERHEILK. 1958, 106/6 (288)

A disagreement on the results of repeated tuberculin tests in children between the author and K. Loether, is based on differences in the criterion for a positive reaction, in the dose of tuberculin used, and in the number of tests repeated. The author maintains that in BCG-vaccinated children under 6 yr. of age the decrease of the tuberculin reaction by repeated testing with the same dose of tuberculin is so characteristic that in 95% of the cases it is possible to differentiate them from the children infected with virulent tubercle bacilli.

Ellertsen - Bergen, Norway (VII, 15)

SIMKO, Istvan, Dr.; HOLLOSI, Katalin, Dr.

Reticuloendotheliosis. Gyermekgyogyaszat 10 no. 4:118-124 Apr 59.

l. Fovarosi XX. ker. Gyermekkorhaz Tudoosztalya (Foovros: Simko Istvan dr.) es Istvan korhaz Korbonctani Osztalya (Foovros: Radnai Bela dr.) kozlemenye.

(RETICULOENDOTHELIOSIS, in inf. & child  
case report (Hun))

BABOR, L.; SIMKO, I.; VILCEK, E.

Contribution to actinotherapy of Wilms' tumor in children. Bratisl.  
Lek. Listy 2 no.12:709-712 '61.

1. Z Radiologickej kliniky Lek. fakulty Univ. Komenskeho v Bratislave,  
prednosta doc. MUDr. G. Ondrejicka.

(NEPHROBLASTOMA radiother)

SIMKO, Istvan, dr.

Which conclusion should be reached in a positive tuberculin reaction? Bacillary or infectious allergy? Gyermekgyogyaszat 12 no.3:85-88 Mr '61.

(TUBERCULIN REACTION)

SIMKO, Istvan, dr.; LABAS, Zoltan, dr.

Bronchography in newborn and older infants with the aid of potentiated anesthesia. Orv. hetil. 102 no.23:1082-1083 4 Je '61.

1. Fovarosi XX ker. Gyermekkorhaz Tudoosztaly.

(BRONCHI radiog) (INFANT NEWBORN radiog)  
(ANESTHESIA GENERAL in inf & child)

SIMKO, Istvan, dr.

Pneumatocele. Gyermekgyogyaszat 13 no.4:120-124 Ap '62.

1. Fovarosi XX ker. Tanacs VB Gyermekkorhaza (Igazgato: Szolnoki Gyorgy dr.) Tudomantalyanak (Foorvos: Simko Istvan dr.) kozlemenye.

(LUNG DISEASES in inf & child)

SIMKO, Istvan, dr.

Results of pulmonary resection in childhood and adolescence. Magy.  
sebesz. 15 no.3:177-181 Je '62.

1. Fovarosi XX ker. Tanacs VB. Gyermekkorhaza Tudoosztalyanak (Osztaly-  
vezeto foorvos: Simko Istvan dr.) kozlemenye.

(PNEUMONECTOMY in inf & child)

HUNGARY

SIMKO, Istvan, M.D., of the Fifth Department at the State Sanitarium for Children (Allami Gyermekszanatorium V. Ostaly) in Szabadsaghegy.

"Tuberculosis in the Infantile Age."

Budapest, Orvosi Hetilap, Vol 104, No 20, 19 May 1963, pp. 921-923.

Abstract: Among the cases reviewed, the youngest patient was two years old. The cases are generally difficult to diagnose since there are no complaints or specific symptoms. The most specific indications are circular shadow on the chest X-ray, tuberculin test result showing hyperergy, and voiding of bacteria. The typical case shows gradual remission. Various aspects of differential diagnostics and methods for establishing optimal time for surgical intervention were discussed. Thirteen references, including 8 German, 1 Hungarian, and 4 Western.

1/1

KESZLER, Lajos, dr.; SKIFC, Lajos, dr.

Párizs, excavatum. Órv. hetil. 136 n. 13:1973-1977 - 6. Je '65

I. János Körhaz, Melliászeti Szabadság (fő művész: Keszler, Pal, dr.) az a Szabadsággyűjti Állami Gyermekszállomány, 5. Szatmár (fő művész: Simko, István, dr.).

SIMKO, J.; NEUBAUER, E.; SEDIAK, J.

Effect of strenuous muscular exercise on hepatic & renal function in pregnant women. Cesk. gyn. 23[37] no.3:198-202 Apr 58.

1. Por. gyn. kl. v Kosiciach, pred. prof. Dr. T. Schwarz. - Int. kl. PLFUK v Kosiciach, pred. doc. Dr. F. Por. J. S., Kosice, Moysesova 9.  
(EXERCISE, eff.

strenuous exercise on liver & kidney funct. in pregn. (Cz)  
(LIVER, in pregn.

eff. of strenuous musc. exercise (Cz))

(KIDNEYS, in pregn.

same))

(PREGNANCY, physiol.

eff. of strenuous musc. exercise on liver & kidney funct. (Cz))

EXCERPTA MEDICA Sec 10 Vol 15/4 Obstetrics Apr 60

716. ANAEROBIC CARBOHYDRATE METABOLISM OF THE FOETUS DURING PHYSIOLOGICAL PARTURITION - A CONTRIBUTION TO THE PROBLEM -  
Prispevok k anaerobnemu metabolismu glycidov a plodu počas normálneho  
pôrodu - Šimko J., Harna K. and Komoráš M. Pôrodn.-Gynékol.  
Klin. a Chem. Lék. Fak. Univ. Komenského, Košice - BRATISL. LEK. LISTY  
1959, 39(II)/2 (87-91) Tables 1

After the second stage has terminated, the blood sugar level in the mother is higher than that in the umbilical cord, while the level of lactic acid in the mother's blood is lower than in the umbilical cord. The increased lactic acid level in the umbilical cord blood points to the ability of the foetus to compensate insufficient oxygen saturation of the blood by anaerobic carbohydrate metabolism. By a correlation analysis a very close relationship of the activity of the uterus and the lactic acid level of the umbilical cord blood has been proved. For the blood sugar however, no such relationship exists. Hence it follows that with increased uterine activity the anaerobic carbohydrate metabolism is increased as a compensation for insufficient oxygen saturation of the foetus, even in physiological conditions during labour. Increased contractions of the uterus do not improve the oxygen supply of the foetus, in fact the contrary is the case.

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(PREGNANCY TOXEMIAS) (PROTEINURIA)  
(HYPERTENSION) (PUERPERIUM)  
(HYPERCHOLESTEREMIA)

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v Kosiciach veduci doc. K. Barna, C. Sc.); Vedeckovyskumne labo-  
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Katerina Samoil. (v. lidi MIIDr. A. B. Dr.); Institute faculty  
University Politehnica of Bucharest.

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KRATY SLOVENSKA. Bratislava.  
Vol. 30, no. 9, 1953

SOURCE: Monthly List of East European Accessions (EHAL), LC, Vol. 5,  
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SOURCE: East European Accessions List. (EEAL) Library of Congress.  
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(The High Tatras; a tourist guide to the Tatra valleys. 3d (6th) ed. Illus., fold.  
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Role of some predisposition factors in the incidence of late gestoses.  
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(PREGNANCY TOXEMIAS) (AGING) (ECLAMPSIA)

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Changes in leukocyte phagocytosis in rabbits after total body  
irradiation with Co60. Acta biol. acad. sci. Hung. 13 no.1:  
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1. Wissenschaftliches Laboratorium der Chirurgischen Universitätsklinik  
(Vorstand: J. Knazovicky), Wissenschaftliches Laboratorium der  
Gynakologischen Universitätsklinik (Vorstand: Th. Schwarz) und  
Radiologische Universitätsklinik (Vorstand: E. Kunstadt), Kosice,  
CSSR.

(COBALT ISOTOPES) (RADIATION INJURY EXPERIMENTAL)  
(PHAGOCYTOSIS)

L 13588-66

ACC NR: AP6006088

SOURCE CODE: CZ/0053/65/014/004/0315/0315

15 B

AUTHOR: Simko, J.; Masnyk, S.; Nicak, A.

ORG: Institute of Pharmacology, Faculty of Medicine, Safaryk University, Kosice  
(Farmakologicky ustan Lek. fak. Univerzity P. J. Safarika)

TITLE: Effect of exogenous oxytocin on the serum oxytocinase effect in some months  
of pregnancy [This paper was presented during the Twelfth Pharmacologic Days,  
26 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 315

TOPIC TAGS: biologic reproduction, endocrinology, hormone, man, obstetrics, enzyme,  
animal physiology

ABSTRACT: In 28 pregnant women at term, serum oxytocinase activity was determined  
before and 2 hours after intravenous infusion of oxytocin. Results indicated that  
during some stages of pregnancy, the effect of oxytocin on the uterus depends not  
only on the functional state of the myometrium but also on the serum oxytocinase  
level. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 Hw

1. *Properties of clay minerals and its pharmaceutical applications.* L. Zathurecký and K. Šimkó (Univ. Bratislava, Slovakia). *Pharmazie* 21, 1976, 101-104. Montmorillonite (I) or mica-like (sheet-like silicates) has a high  $\text{SiO}_4$ -layer capacity (12:1), causing a lower hydration capacity. It forms a suitable gel, but 3 times bigger adsorbent power than kaolins, but has only about a half of the swelling power of the smectites. It is suitable for the preparation of emulsions and suspensions and is a good stabilizer of oral bases. K. Macek

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"Polymerization with controlled propagation" by N. G. Gaylord,  
H. F. Mark. Reviewed by K. Simko. Chem zvesti 17 no.3:219-220  
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SIMKO, L. Special and finishing work in the Ostrava area. p. 277

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Clinical diagnosis of dissecting aneurysm of the aorta. Cas.lek.  
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M. Ondrejicka. Endokrinologicky ustav SAV, riaditel MUDr. J.Podoba.  
Ustav patologickej anatomie LF UK, prednosta prof. MUDr. F.Klein.  
(AORTIC ANEURYSM diag)

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Nature of perforating wounds of the eye during the war. Voj.  
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18

18

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Autogenous Deposit Welding of Ingot Moulds. R. Simko.  
(Rendszaki Lapok, 1956, II, Onoda, Febr., 43-47). The  
author describes a Hungarian method of repairing ingot  
moulds by autogenous deposit welding.—P. K.

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(CML 20:6)  
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Experience with intracavitory treatment with colloidal radiogold.  
Neoplasma 8 no.3:295-303 '61.

1. Oncological Research Institute, Bratislava, Czechoslovakia.

(GOLD radioactive) (PERITONEAL CAVITY)  
(NEOPLASMS radiother)

HUPKA, S.; SIMKO, S.; GREGUSOVA, V.; SKUPENOVA, A.; THURZO, V.

The protection by bone marrow homografts of rabbits irradiated by  
gamma-rays from Co<sup>60</sup>. Neoplasma 8 no.6:587-591 '61.

1. Oncological Research Institute, Bratislava, Czechoslovakia.

(BONE MARROW transpl) (RADIATION INJURY exper)  
(COBALT radioactive)

SDIKO, S.

CZECHOSLOVAKIA

no academic degree indicated

Oncological Research Institute (Vyskumnny ustav onkologicky), Bratislava;  
Director: corresp. member SAV, docent V. THURZO, MD.

Bratislava, Bratislavské Lekarske Listy, No 9, Nov 62, pp 522-529.

"Gammagraphy in the Diagnosis of the Diseases of the Thyroid Gland"

Co-author:

HUPKA, S. same as above

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On the problem of the thyroid lingual. Contribution to diagnosis  
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1. Otolaryngologicka katedra Lek. fak. UK v Bratislave, veduci  
doc. MUDr. J. LaJda II interna klinika Lek. fak. UK v Bratislave,  
prednosta prof. dr. T. Niederland, DrSc. Vyskumny ustav onko-  
gicky v Bratislave, riaditel' doc. dr. V. Thurzo.  
(THYROID GLAND) (TONGUE NEOPLASMS)

SIMKO, S.; [REDACTED], P.; REHAK, R.; BIELEK, Z.; JUHAS, Z.

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MUDr. S. Simko.

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CZECHOSLOVAKIA

SCHWEITZER, P., WILDEBRAND, T., KLVAHOVA, H., GRGOROVA, J., .  
GALAJDOVA, E., SIMKO, S.; 1st Internal Clinic, Medical Faculty,  
P.J.Safarik University (I. Interna Klinika Lek. Fak. UPJS),  
Kosice.

"Contribution to the Problem of the Relationship Between the  
Sympathoadrenal System and the Thyroid Gland."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 102

Abstract: 8 healthy subjects, 9 patients suffering from neuro-  
circulatory asthenia, and 30 from thyrotoxicosis were used in an  
experiment to study the influence of blockage and tone increase  
of sympathicus on pulse frequency. The blockage resulted in a  
frequency decrease in the patients from 100 to 80-90, with no  
influence on controls. The orthostatic changes were in controls  
77-91, in patients from 100 to 110-120. No references.  
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Remarks on experimental homoplasty of the aortic valve. Rozhl.  
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Therapy of extrasystole using substances blocking beta-receptors  
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v Kosiciach (prednosta prof. dr. F. Por).

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Influence of sodium bromide on the blood-sugar level. p. 534.

PICOLOGIA, Bratislava, Czechoslovakia, Vol. 14, no. 7, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 10, Oct, 1959.  
Uncl.

SIMKO, Vladimir

Effect of experimental administration of tetrachloromethane on  
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Av; 59

1. Ustav pre výskum vyzívaj Iudu v Bratislave, riaditeľ MUDr. A. Bucko.  
(LIVER, pharmacol.)  
(CARBON TETRACHLORIDE, pharmacol.)

SLEKO, V.; BUCKO, A.; ONDREJICKA, R.

Chemical and physical changes in sunflower oil and in solidified nutritional fats after heating. Cesk. gastroenter. vyz. 15 no. 6:  
329-333 S '61.

1. Ustav pre výskum výživy ľudu v Bratislave riaditeľ MUDr. A. Bucko,  
C.Sc.  
(FATS chem) (OILS chem)

SURNAME, Given Name(s)

Country: Czechoslovakia

Academic Degrees: not given

Affiliations: Institute for Nutrition Research, Director A.Bucko MD.,  
Bratislava. (Ustav pro výskum ludu v Bratislavě, ředitel  
MUDr. A. Rucko, C.Sc.) Bratislava.

Source: Prague, Ceskoslovenska Gastroenterologie a Vyziva, Vol 15,  
No 6, Sept 1961; pp 429-433.

Data: Chemical and Physical changes in Sunflower Oil and Hardened  
Vegetable Fat after Heating.

SIMKO, V.,  
BUCKO, A.,  
ONDREJICKA, R.,

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SIMKO, V.; BUCKO, A.

Biological activity of heated nutritional fats. Cas.lek.cesk 100  
no.20:Lek Veda Zahr:110-115 19 My '61.

1. Ustav pre vyskum vyzivy ludu v Bratislave, riaditeľ MUDr.  
A. Bucko, C. Sc.

(FATS nutrition & diets)

Silag, V.

The effect of peroral antidiabetics on the blood count. Cesk. gastroenter. vyz. 15 no.2:561-564, D '62.

1. Ustav pre vyskum vyzivy Iudu, Bratislava, riaditeľ MUDr. A. Bucko, C.Sc.  
(ANTIDIABETICS pharmacol) (BLOOD CELLS pharmacol)

SIMKO, V.

UZLONNUOLUVRA...A

Czechoslovakia

Institute of Human Nutritional Research (Ustav pre vyskum  
vyzivy ludu v Bratislave), Bratislava; Director: A. BUCKO,  
MD, Candidate for Sciences.

Brno, Vnitri Lekarstvi, No 10, Oct 62, pp 1075-1078.

"The Nutritional Effect of Fresh and Heat-Treated Sunflower  
Oil and Hydrogenated Edible Fat on the Spectrum of Serum  
Proteins and Lipoproteins of Guinea Pigs."

Co-authors:

BUCKO, A., Director, Institute of Human Nutritional Research,  
Brno; BOBEK, P., Institute of Human Nutritional Research, Brno.

SIMKO, V.

Experimental dietary vitamin E deficiency in rats. Cesk.  
fysiol. 12 no.6:417-421 N°63.

1. Ustav pre vyzkum vyzivy ludu, Bratislava.

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SIMKO, V.; BUCKO, A.

Biological effect of fats altered by heating. (Effect of sunflower oil and cooking fat on the body weight, weight of the organs, fat metabolism and on vitamin C content of the adrenal glands in guinea pigs). Cesk. gastroent. vyz. 17 no.3:160-167 Ap '63.

1. Ustav pro výskum výživy ludu v Bratislavě, riaditeľ dr.  
A. Bucko, CSc.

(OILS) (FATS) (BODY WEIGHT)  
(ASCORBIC ACID) (ADRENAL GLANDS)  
(LIPID METABOLISM)

SIMKO, V.; BLAZEK, Z.; BABALA, J.

Effect of vitamin E on liver damage in rats caused by a  
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no.1:42-50 Ja '63.

1. Ustav pro výzkum výživu ldu v Bratislavě, riaditeľ dr.  
A. Bucko, CSc.

(CARBON TETRACHLORIDE POISONING)  
(VITAMIN E) (HEPATITIS, TOXIC)  
(ALANINE AMINOTRANSFERASE)  
(ASPARTATE AMINOTRANSFERASE)  
(ALDOLASE) (LIVER ENZYMOLOGY)  
(BLOOD PROTEIN ELECTROPHORESIS)

SIMKO, V.

On the problem of the presence of leukocytes and erythrocytes  
in bile sediment. Česk. gastroent. vyz. 17 no.4:199-201 Je '63.

1. Ustav pre výskum výživy ľudu v Bratislave, riaditeľ MUDr.  
A. Bucko, CSc.  
(BILLE) (ERYTHROCYTES) (LEUKOCYTES)

ONDREICKA, R. [Ondreicka, R.]; SHIMKO, V. [Simko, V.]; BUCHKO, A. [Bucko, A.]

Changes in the chemical and physical properties of lard and  
butter during heating. Vop. pit. 22 no.6:43-46 N-D '63.  
(MIRA 17:7)

1. Iz Instituta po issledovaniyu pitaniya naseleniya (dir. A.  
Buchko), Bratislava, Chekhoslovakija.

SIMKO, V.; BUCKO, A.

Effect of sunflower oil subjected to heat and hydrogenated cooking oil on phospholipid metabolism in guinea pigs. Cas. lek. cesk. 103 no.35:965-969 28 Ag '69.

1. Ustav pre výskum výživy ľudu v Bratislave (riaditeľ doc. dr. A. Bucko, CSc.).

SIMKO, Vladimir

The role of physical effort in the prevention of arteriosclerosis.  
Vnitrní lek. 11 no.6:583-590 Je'65.

1. Ustav pre výskum výzivy ľudu v Bratislave (riaditeľ: doc. MUDr.  
A. Bucko, CSc.).

CZECHOSLOVAKIA

SIMKO, V; BOBEK, P; KUBANOVA, E.

1. Institute of Research of Human Nutrition (Ustav pre  
vyskum vyzivy l'udu), Bratislava; 2. Faculty Transfusion  
Station (Fakultne trmasfuzne stanice), Bratislava

Prague, Vnitrni Lekarstvi, No 9, 1964, pp 889-898

"Serum Lipids in Blood Donors of Bratislava."

Nutrition

CZECHOSLOVAKIA

SILKO, V.: Research Institute of Human Nutrition (Vysoký Ustav Vyzívý Ludu), Bratislava.

"Semi-Synthetic Diet for Experiments with Rats and Guinea-Pigs."

Prague, Veterinární Medicína, Vol 11, No 11, Nov 66, pp 667-674

Abstract [Author's English summary modified]: Two types of semi-synthetic diets are described; both proved suitable even for long-term experiments. Study of 3 generations of rats showed better weight curves, and higher fertility than found on animals fed a standard Larsen diet. The components of the diets were: casein, starch, sunflower oil, salt, cellulose, and yeast. 1 figure, 5 Tables, 19 Western, 9 Czech, 1 Russian, 1 East German reference. (Manuscript received 22 Oct 66).

1/1

SIMKO, Viktor, inz.

Experience with spraying heating surfaces of granulation boilers for  
second-rate coal. Energetika Gs 11 no.8:395 Ag '61.

SIMKO, Viktor, inz.

Operational experience with hot fly ash handling equipment.  
Energetika Cz 12 no.3:141-142 Mr '62.

SIMKOV, A.I.

Creep of the KS-245 aluminum alloy. Fiz.-khim. mekh. mat. 1 no.5:  
614-416 '65. (MIPA 19:1)

1. Mashinostroitel'nyy institut imeni Chubarya, Zaporozh'ye.  
Submitted Feb. 1<sup>st</sup>, 1965.

L 10368-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t) /  
ACC NR: AP5028380

SOURCE CODE: UR/0369/65/001/005/0614/0616

AUTHOR: Simkov, A. I.

ORG: Machinery Building Institute im. V. Ya. Chubar', Zaporozh'ye (Mashinostroitel'nyy in-  
stitut)

TITLE: Creep of the KS-245 aluminum alloy

SOURCE: Fiziko-khimicheskaya mehanika materialov, v. 1, no. 5, 1965, 614-616

TOPIC TAGS: aluminum alloy, creep, metal property

ABSTRACT: This article studies the creep of the KS-245 aluminum alloy (0.42% Fe; 2.69% Cu; 1.9% Ni; 10.3% Si; 0.41% Mn; and 0.60% Mg). The samples were subjected to temperatures of 200, 250, and 300C, and stresses of 2, 3, 4, and 5 dan/mm<sup>2</sup>, for 27–30 hr. Relaxation curves for linear stress show that on heating to 300C the KS-245 alloy may retain residual relaxation of the order of 2 dan/mm<sup>2</sup>; for plane stress this figure amounts to approximately 2.3 dan/mm<sup>2</sup>. The creep and relaxation curves presented in the article for the KS-245 aluminum alloy may be used, for example, in the calculation of the strength and rigidity of pistons in internal combustion engines; this alloy is now being used in such engines. Orig. art. has: 3 figures.

SUB CODE: 11/ SUBM DATE: 12Feb65/ ORIG REF: 002

HW  
Card 1/1

49 B

REEL  
522  
SJM KOV, A.I.